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I Vassiliou, A Sangiovanni-Vincentelli - PROCEEDINGS OF THE IEEE ..., 1999 - Citeseer

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...
FM Rotella - 2000 - www-tcad.stanford.edu

... boundary conditions in a mixed circuit and device **simulation** where device physics play a crucial role in high frequency effects in **radio frequency** devices, radiative recombination ... **RF simulation** is a relatively new field and circuit models are generally derived from **analog** ...

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KS Kundert - IEEE Journal of Solid-State Circuits, 1999 - Citeseer

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P Li, LT Pileggi - IEEE Transactions on Computer Aided Design of ..., 2003 - Citeseer

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... concentrates on the design and development of integrated circuits operating in the **radio-frequency** range, using ... The most popular type of bipolar transistors that it is used in **RF** IC design is ... In **analog** electronic systems, the bipolar transistors are usually biased to operate in the ...

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CR Chang - 1990 - people.engr.ncsu.edu

... **RF — Radio frequency. VCO —** Voltage control oscillator. ... In chapter 4, the arithmetic operator method is verified using the **simulation** of microwave amplifier circuits. ... Although the methods

for analyzing nonlinear **analog** circuits are varied, they are all based on solving a ...

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... The low-cost linearizer can reduce the cost or improve the performance of **analog** and multilevel optical links. ... In addition, in **radio frequency (RF)** systems, the input signal amplitude is a small signal () quantity. ... Fig. 2. Predistortion system mathematical **simulation** model. (6) (7) ...

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T Ketonen, P Lounamaa, JK Nurminen - *National Conference on Artificial ...*, 1987 - [Citeseer](#)

... of our ideas in a project developing a CAD system called RFT (**Radio Frequency Tools**) for ... techniques have been integrated with **simulation** and optimization techniques in an **analog** CAD system. ... Although our application, **RF**-design, is a highly specialized field we believe that ...

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C Enz... - *IEEE Transactions on Microwave Theory and ...*, 2002 - [cmbsd.cm.nctu.edu.tw](#)

... drain current, but they do not add any poles and are, therefore, invisible for ac **simulation**. ... in turn, moves the operating point of **analog** transistors more and more from strong inversion to ... **RF MOST** are usually biased in forward saturation corresponding to the region below the 45 ...

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